

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A steel-framed building using section steels for a column and a beam, wherein section steels having the same cross sections are used for the a column and the a beam, having a joint for the beam in an end of the column, and having a joint for the column in an end of the beam, wherein

a beam-side joint for joining an end of the column to the beam, and a column-side joint for joining an end of the beam to the column, and

the same joint structure according to claim 3 is members are used as both a reinforcing member disposed at a cross section of the beam as a beam-side joint, and a reinforcing member disposed at a cross section of the column as a column-side joint,

the reinforcing member disposed at a cross section of the beam as the beam-side joint comprising two first end plates disposed in an upper end side, two second end plates disposed in a lower end side, a groove-type plate disposed at a central portion as a connecting member connecting the first and the second end plates, and stiffener plates disposed at left and right opposite outer sides of the first and the second end plates,

the reinforcing member disposed at a cross section of the column as a column-side joint comprising two first end plates disposed at one side of the left and right sides, two second end plates disposed at the other side of the left and right sides, a groove-type plate disposed at a central portion as a connecting member connecting the first and the second end plates, and

stiffener plates disposed at upper and lower opposite outer sides of the first and the second end plates.

2. (original): A steel-framed building according to claim 1, wherein
in the beam-side joint, the reinforcing member is jointed within the cross section of the
beam by a bolt, and an end of the column is joined with the reinforcing member by a bolt,
in the column-side joint, the reinforcing member is joined in the cross section of the
column by a bolt, and an end of the beam is jointed to the reinforcing member by a bolt.

3-7. (canceled).

8. (new): A steel-framed building according to claim 1, wherein a bolt-mounting hole is
previously provided in each of the planned portions of a plurality of beam-side joints or column-
side joints preset in a longitudinal direction of the beam or column, selected one of the plurality
of planned portions is employed as a beam-side joint or column-side joint of this time.

9. (new): A joint structure of a column and a beam joining an end of a beam to a
column, wherein
a reinforcing member is joined within a cross section of the column by a bolt, and an end
plate disposed at an end of the beam is joined with the reinforcing member by a bolt,
the reinforcing member has two first end plates in one of the left and right sides, two
second end plates in the other of the left and right sides, a groove-type plate disposed at a central

portion as a connecting member connecting the first and the second end plates, and a stiffener plates disposed at upper and lower opposite outer sides of the first and second end plates.

10. (new): A joint structure of a column and a beam according to claim 9, wherein the reinforcing member having end plates at its opposite ends, and a connecting member for connecting the end plates to each other, the end plate on one end side being joined with one of the flanges of the column by a bolt, and the end plate on the other end side being joined with the other flange of the column by a bolt.

11. (new): A joint structure of a column and a beam according to claim 10, wherein the groove-type plate is welded at its each of the upper and lower opposite sides in one of the left and right sides to an inner surface of the first end plate, and is welded at its each of the upper and lower opposite sides in the other of the left and right sides to an inner surface of the second end plate,

an upper stiffener plate is welded at its side in one of the left and right sides to the outer side surface of the upper first end plate, and is welded at its side in the other of left and right sides to outer side surface of the upper second end plate,

an lower stiffener plate is welded at its side in one of the left and right sides to the outer side surface of the lower first end plate, and is welded at its side in the other of left and right sides to outer side surface of the lower second end plate.

12. (new): A joint structure of a column and a beam according to claim 11, wherein the groove-type plate has an X-shaped strengthening rib.